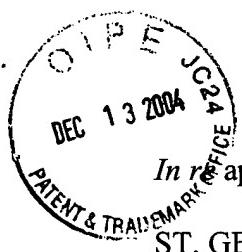


JFW

PATENT

Attorney Docket No. A-59941-4/RFT/THR

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of:

ST. GEME, Joseph A.

Serial No.: 10/687,046

Filing Date: October 15, 2003

For: *Haemophilus Adherence and
Penetration Proteins*

Examiner: GRASER, JENNIFER E.

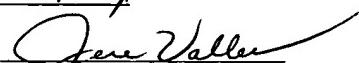
Art Unit: 1645

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450

on:

Signed:

12/19/04

 Jennifer E. Valles

RESPONSE TO OFFICE ACTION

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This paper is in response to the Office Action dated July 9, 2004. A Petition for a two-month petition of time along with the required fee is submitted herewith making this a timely filed Response. Applicants believe that no other fee is currently due in association with this paper. However, the Commissioner is authorized to charge any fees which may be required, including extension fees or any other relief that may be required, or credit any overpayment to Deposit account No. 50-2319 (Our Order No. A-59941-4/RFT/THR [467084-0068]).

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the **Listing of Claims** that begins on page 3 of this paper.

Remarks begin on page 5 of this paper.